MASONRY FIREPLACE DETAILS

HORIZONTAL STEEL 1/4" DIAMETER MIN. AT 18" O.C.

8" (MAY INCLUDE

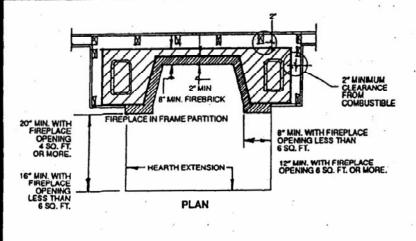
NATURAL GRADE

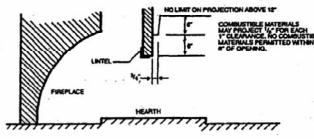
FOOTING TO EXTEND

BELOW FROST LINE

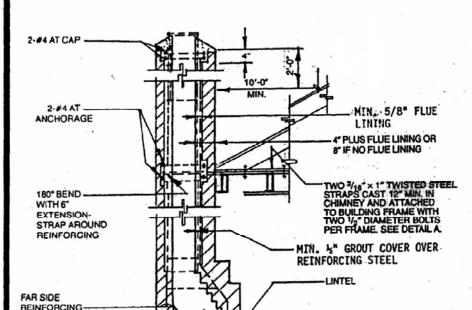
4" FIRE BRICK)

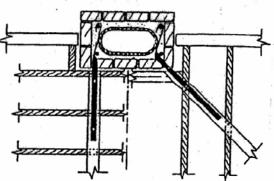
NEAR SIDE REINFORCING





COMBUSTIBLE MATERIALS PROJECTION FROM FIREPLACE





BOND BEAM AND CUT PLATE ANCHORAGE DETAIL A

GENERAL NOTES

The minimum cross-sectional flue area shall be 1/8 of opening minimum of 100 square inches for lined with firebrick or unlined. For tile lined see Figure 31-1 of the 20001 CBC

Chimneys exceeding 12' above the roof or above 5000' elevation require structural design.

Snow splitters are required above 3000' elevation or 50# snow load for roofs with a slope of 3:12 or more. Chimneys within 36" of the ridge do not require splitters.

Spark arresters with %"-½" mesh are required on all solid fuel burning chimneys.

Log lighters to be listed and comply with 2001 Plumbing Code section 1211

This detail is for a typical residential masonry fireplace with an opening on one side. Consult the Code for other applications.



VERTICAL STEEL-

1-0" MIN:

4-#4 MIN

HEARTH SLAB REINFORCING

> PLACER COUNTY BUILDING DEPARTMENT AUBURN, CALIFORNIA

CROSS SECTION

2001 CALIFORNIA BUILDING CODE CHAPTER 31

DATE: NOVEMBER 1, 2002